



1614

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

RECEIVED
OCT 03 2001
TECH CENTER 1600/2900

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

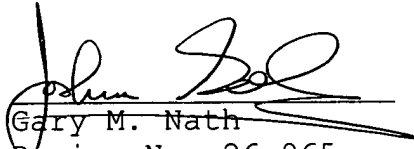
- 1) Transmittal Letter;
- 2) First Supplemental Information Disclosure Statement; and
- 3) PTO Form-1449.

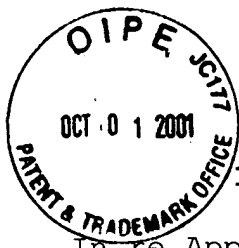
The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



PATENT
Attorney Docket No. AR762-XXA

TECH CENTER 1600/2900

OCT 03 2001

RECEIVED

10/9/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Action on the Merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571 filed, December 2, 1999.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these

documents have been considered by the Examiner and made of record in this application.

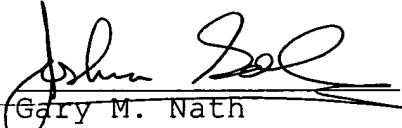
If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

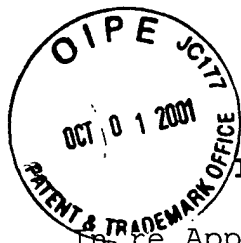
By:


~~Gary M. Nath~~
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

GMN:TLJ:JBG:RAC / IDS.initial.wpd

PATENT

Attorney Docket No. AR762-XXA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

TECH CENTER 1600/2900

RECEIVED
OCT 03 2001

TRANSMITTAL LETTER

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

- 1) Transmittal Letter;
- 2) Second Supplemental Information Disclosure Statement; and
- 3) PTO Form-1449.

The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005
TEL: (202) 775-8383
FAX: (202) 775-8396

By:

~~Gary M. Nath~~
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



Attorney Docket No. AR762-11A

PATENT

TECH CENTER 1600/2900

OCT 03 2001

RECEIVED

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is included with this submission as it is being submitted before an Official Action on the merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571, filed December 2, 1999.

This second supplemental IDS cites references which are relevant to the proviso species of claim 1. For the Examiner's convenience, a copy of the provisos from claim 1 follow wherein the relevant Form PTO 1449 reference numbers [e.g. **AC**, **BG**, etc.] are

documents have been considered by the Examiner and made of record in this application.

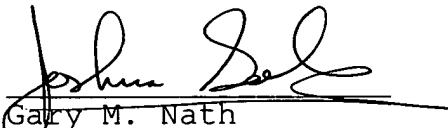
If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

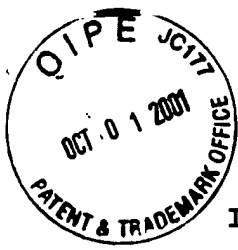
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

GMN:TLJ:JBG:RAC / IDS.01.wpd



PATENT
Attorney Packet No. AR762-XXA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

TECH CENTER 1600/2900

OCT 03 2001

RECEIVED
6/4

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

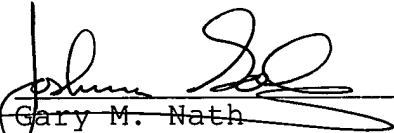
- 1) Transmittal Letter;
- 2) Information Disclosure Statement; and
- 3) PTO Form-1449.

The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:

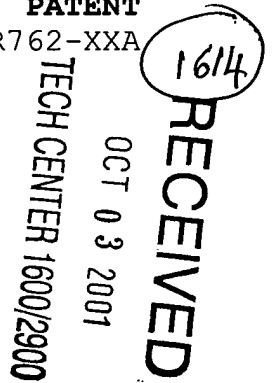

Gary M. Nath

Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126

Customer No. 20529



PATENT
Attorney Docket No. AR762-XXA



THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

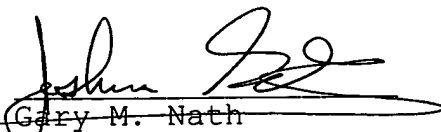
- 1) Transmittal Letter;
- 2) Third Supplemental Information Disclosure Statement; and
- 3) PTO Form-1449.

The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

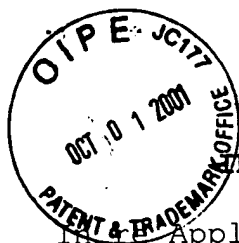
Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

PATENT

Attorney Docket No. AR762-XXA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

TECH CENTER 1600/2900

OCT 03 2001

RECEIVED

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Action on the Merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571 filed, December 2, 1999.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these

documents have been considered by the Examiner and made of record in this application.

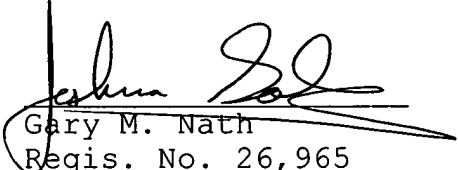
If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

GMN:TLJ:JBG:RAC / IDS.03.wpd

included in parentheses after the corresponding proviso species.

Proviso from claim 1:

A. provided that:

when $n=1$, and D is a bond, and R_2 is COOH,

then R_1 is not C_1-C_9 straight or branched chain alkyl [AA, AB,

AC, AD, AG, AI, AK, AL, AM, AN, AP, BA, BB, BC, BD, BE, BF,

BG, BH, BI, BN], C_2-C_9 straight or branched chain alkenyl, C_5-C_7

cycloalkyl, C_5-C_7 cycloalkenyl, phenylamine [BL, CB], 2-(3,4-dichlorophenyl)ethyl, hydroxy [AE, AF, AH, AJ, BJ, BM],

ethoxy [BK, CC], benzyl, or Ar_1 , where Ar_1 is 1-naphthyl, 2-naphthyl, 2-indolyl, 3-indolyl, 2-furyl, 3-furyl, 2-thiazolyl,

2-thienyl, 3-thienyl, 1-pyridyl, 2-pyridyl, 3-pyridyl, 4-

pyridyl, or phenyl [AO, BO], and wherein said alkyl, alkenyl,

cycloalkyl, cycloalkenyl, or Ar_1 are optionally substituted

with one or more substituents selected from the group

consisting of hydrogen, halo, hydroxyl, nitro,

trifluoromethyl, C_1-C_9 straight or branched alkyl, C_2-C_9

straight or branched alkenyl, C_1-C_4 alkoxy, C_2-C_4 alkenyloxy,

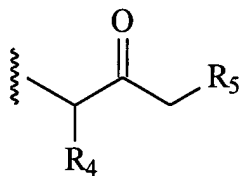
phenoxy, benzyloxy, COOH [CA], and amino; [This proviso also

removes matter claimed in applicant's co-pending U.S.

application No. 08/998,002.]

B. further provided that:

when $n=1$, and D is a bond, and R_2 is the carboxylic acid isostere $-\text{CONZ}(R^3)$, and Z is hydrogen or C_1-C_6 alkyl, and R^3 is phenyl, or C_2-C_6 straight or branched chain alkyl or alkenyl, wherein said alkyl is unsubstituted or substituted in one or more positions with Ar_2 as identified below, C_3-C_8 cycloalkyl, cycloalkyl connected by methyl or a C_2-C_6 straight or branched alkyl or alkenyl chain, C_1-C_4 alkyl ester, or Ar_3 where Ar_3 is selected from the group consisting of 2-indolyl, 3-indolyl, 2-furyl, 3-furyl, 2-thiazolyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, or phenyl, having one to three substituents independently selected from the group consisting of hydrogen, halo, hydroxy, nitro, trifluoromethyl, C_1-C_6 straight or branched alkenyl, C_1-C_4 alkoxy, C_2-C_4 alkenyloxy, phenoxy, benzyloxy, and amino; wherein said alkyl ester is optionally substituted with phenyl; or R^3 is the fragment:



where R^4 is selected from the group consisting of straight or branched chain C_1-C_8 alkyl optionally substituted with C_3-C_8 cycloalkyl, benzyl, or Ar_2 as defined below, and where R_2 is

PATENT

Attorney Docket No. AR762-XXA

COOZ or CONR⁶, where R⁶ is selected from the group consisting of hydrogen, C₁-C₆ straight or branched alkyl, and C₂-C₆ straight or branched alkenyl, and where R₅ is selected from the group consisting of phenyl, benzyl, C₁-C₆ straight or branched alkyl, and C₂-C₆ straight or branched alkenyl, where said alkyl or alkenyl is optionally substituted with phenyl; then R₁ is not C₁-C₉ straight or branched chain alkyl [EA, EB, EC, EM, FC, FD, FE, FG], C₂-C₉ straight or branched chain alkenyl, substituted thiophene [ED, EE, EH, EK], or C₁-C₄ alkoxy [EG, EH, EJ, EK, EL, EN], wherein said alkyl or alkenyl is optionally substituted in one or more positions with C₃-C₈ cycloalkyl [EI], C₅-C₇ cycloalkenyl, or Ar₂, where Ar₂ is defined below, where said alkyl, alkenyl, cycloalkyl or cycloalkenyl groups may be optionally substituted with C₁-C₄ alkyl, C₁-C₄ alkenyl, or hydroxy, and where Ar₂ is 1-naphthyl, 2-naphthyl, 2-indolyl, 3-indolyl, 2-furyl, 3-furyl, 2-thienyl, 3-thienyl, 2-pyridyl, 3-pyridyl, 4-pyridyl, or phenyl, having one to three substituents independently selected from the group consisting of hydrogen, halo, hydroxy, nitro, trifluoromethyl, C₁-C₆ straight or branched alkyl or alkenyl, C₁-C₄ alkoxy, C₂-C₄ alkenyloxy, phenoxy, benzyloxy, and amino;

[This proviso also removes matter claimed in applicant's

U.S. Patent No. 5,614,547, reference AH of the Supplemental

IDS] .

C. further provided that:

when $n=1$, and X is O, and D is a bond, and R_2 is $-\text{CONH}_2$,
then R_1 is not methyl **[FB, FF]**, ethyl, isopropyl, isobutyl,
isopentyl, 4-methylpentyl, indoyl, phenyl, or hydroxyphenyl;

D. further provided that:

when $n=1$, and X is O, and D is a bond, and R_2 is cyano,
then R_1 is not methyl **[FM]**;

E. further provided that:

when $n=2$, and X is O, and D is a bond, and R_2 is $-\text{CONZ}(R^3)$,
and R_1 is ethoxy,
then R^3 or Z is not halo-substituted phenyl **[FA]**;

F. further provided that:

when $n=2$, and X is O, and D is a bond, and R_2 is $-\text{CONZ}(R^3)$,
and R_1 is substituted thiophene or tetrahydropyranoxy, or
methoxy, then R^3 or Z is not $\text{C}_1\text{-C}_4$ alkyl ester substituted
ethyl;

G. further provided that:

when $n=2$, and X is O, and D is a bond, and R_2 is $-\text{CONZ}(R^3)$,
and R_1 is ethoxy,
then R^3 or Z is not 4-chlorophenyl **[FA]**;

H. further provided that:

when $n=2$, and X is O, and D is a bond, and R_2 is $-\text{CONZ}(R^3)$,
and R_1 is cyclohexyl,
then R^3 or Z is not ethyl or propyl substituted with phenyl
[EI];

J. further provided that:

when D is CH_2 ,
then R_1 is not $-\text{OMe}$ **[FI, FK, FL]**, $-\text{NHMe}$ or substituted
 $-\text{NHcyclohexyl}$;

K. further provided that:

when D is CH_2 , and R_2 is $-\text{OH}$
then R_1 is not phenyl **[FH]** or pyrrolidinemethanol;

L. further provided that:

when $n=2$, and X is O, and D is a bond, and R_2 is $-\text{COOH}$,
then R_1 is not methyl, tert-butyl **[CE]**, 1,1-dimethyl-2-methyl-
propyl **[CE, DE, DF, DH, DM]**, 1,1-dimethylpropyl **[CF, CG, CK,**
CM, DE, DF, DH, DM, DN], methoxy **[CH, CI, CJ, CL, CN, DA, DG,**

PATENT

Attorney Docket No. AR762-XXA

DI], ethoxy [**DK,DO**], phenyl [**CH, CJ, CN, DA, DG, DI**],
tetrahydropyranoxy substituted C₄-C₆ alkyl [**DE, DF, DH, DM**],
1-methyl-1-methoxyamide, 1-methylcyclohexyl [**CE**], 3-iodophenyl
[**CO, DL**],
3-methyl ester cyclopentyl [**DC**], 1,1-dimethyl-6-phenyl-hex-
3,5-dioxy, or trimethoxyphenyl [**CD, DB, DJ**].

The Examiner's attention is also drawn to the following IDS references containing biological information that the Examiner may find relevant for reviewing the subject matter of the present invention.

BF, EF - glaucoma

CL - neuronal damage

CI - growth of neurites

- neuronal damage

EB - neurite outgrowth

- Parkinson's disease in mice

ED - neuronal growth

- neuronal disorders

EE - nerve growth

- Alzheimer's disease; parkinsonism

EA - inhibitors of rotamase enzyme

EO, FJ - anti-amnesic

PATENT

Attorney Docket No. AR762-XXA

Additional references are disclosed herein which refer to species that are to be excluded from the scope of claim 1 by amendment. These additional references are **DC, DD, EF, EO, and FJ**.

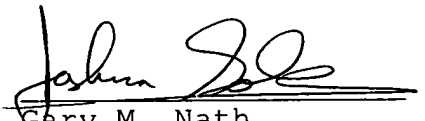
The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In doing so, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

Please contact the undersigned attorney by telephone should there be any questions or comments.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005
TEL: (202) 775-8383
FAX: (202) 775-8396

By: 
Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



PATENT
Attorney Packet No. AR762-XXA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

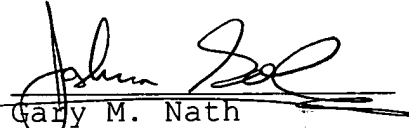
Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

- 1) Transmittal Letter;
- 2) Fourth Supplemental Information Disclosure Statement; and
- 3) PTO Form-1449.

The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By: 
Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



Attorney Pocket No. AR762-XXA

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

RECEIVED
OCT 03 2001
TECH CENTER 1600/2900

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Action on the Merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571, filed December 2, 1999.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these

documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By: 

Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

GMN:TLJ:JBG:RAC / IDS.04.wpd



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

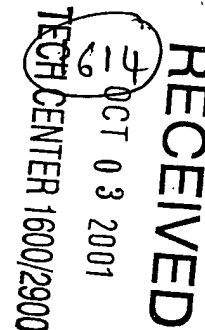
In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**



TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith for filing in the U.S. Patent and
Trademark Office are the following:

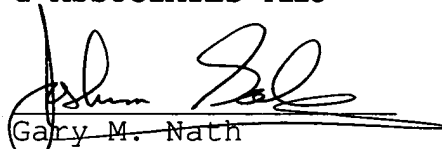
- 1) Transmittal Letter;
- 2) Fifth Supplemental Information Disclosure Statement; and
- 3) PTO Form-1449.

The Commissioner is hereby specifically authorized to charge
any fee deficiency or credit any overpayment in connection with
this matter to our Deposit Account No. 14-0112.

Respectfully submitted,
NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



PATENT
Attorney Packet No. AR762-XXA

#8
m.m.
10/9/01
RECEIVED

TECH CENTER 1600/2900

OCT 03 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Action on the Merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571 filed December 2, 1999.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with the next communication to Applicants, to confirm that these

documents have been considered by the Examiner and made of record in this application.

If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

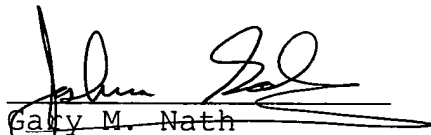
Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

GMN:TLJ:JBG:RAC / IDS.05.wpd

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529



PATENT
Attorneyocket No. AR762-XXA

RECEIVED
OCT 03 2001
TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gregory S. HAMILTON et al.

Serial No. 09/920,017

Filed: August 2, 2001

For: **CARBOXYLIC ACIDS AND CARBOXYLIC ACID ISOSTERES OF
N-HETEROCYCLIC COMPOUNDS**

SIXTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to Applicants' duty of disclosure under 37 C.F.R. §§1.56 and 1.97-1.99, the documents listed on the attached Form PTO-1449 are being brought to the attention of the Examiner in charge of the captioned application. No fee is required for this submission because it is submitted within three months from the filing date or before a First Action on the Merits has been mailed by the U.S. Patent and Trademark Office. Copies of the documents are not attached, because a copy of each of the listed documents was previously submitted in the copending U.S. Patent Application Serial No. 09/453,571 filed December 2, 1999.

The Examiner is respectfully requested to cite the documents listed on the attached Form PTO-1449 in the next Office Action. In so doing, the Examiner is respectfully requested to initial in the space adjacent to the listing of each document on the Form PTO-1449, and return a copy of the initialed Form PTO-1449 with

the next communication to Applicants, to confirm that these documents have been considered by the Examiner and made of record in this application.

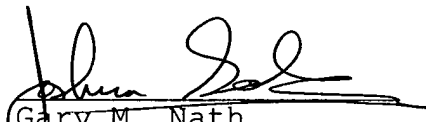
If the Examiner has any questions or wishes to discuss this application, kindly telephone the undersigned attorney.

Respectfully submitted,

NATH & ASSOCIATES PLLC

Date: October 1, 2001
NATH & ASSOCIATES, PLLC
1030 15th Street, NW - 6th Floor
Washington, D.C. 20005

By:


Gary M. Nath
Regis. No. 26,965
Joshua B. Goldberg
Regis. No. 44,126
Customer No. 20529

GMN:TLJ:JBG:RAC / IDS.06.wpd